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(54) SPINDLE MOTOR

(57)Abstract:

PROBLEM TO BE SOLVED: To reduce the unbalance value and improve the efficiency of the assembly work when a magnetic disc is clamped.

SOLUTION: A motor has a housing 1, a rotor hub part 2 which can rotate freely relatively to the housing 1 and to which a magnetic disc 9 is attached, a shaft 4 which is mated with a sleeve part 3 fixed to the housing 1 and a sleeve part 3 fixed to the rotor hub part 2 so as to rotate freely, a magnet 6 attached to the rotor hub part 2 and a stator core 7 which is so fixed to the housing 1 as to face the magnet 6. The shaft 4 is so supported as to rotate freely by the sleeve parts 3 with fluid material therebetween. A screw hole 13 for a clamping screw 12 by which a clamping member 11 which clamps the magnetic disc 9 is fixed is provided in the end surface of the shaft 4.

